

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENT

OIL CONSERVATION DIVISION

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease STATE UNICON COM Well No. 1A

Location of Well:	Unit	A	Sect	16	Twp.	028N	Rge.	009W	County	SAN JUAN	
	NAME OF RESERVOIR OR POOL						TYPE OF PROD. (O.I or Gas)		METHOD OF PROD. (Flow or Art. Lift)		PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	MESAVERDE						Gas		Flow		Tubing
Lower Completion	DAKOTA						Gas		Flow		Tubing

PRE-FLOW SHUT-IN PRESSURE DATA				
Upper Completion	Hour, date shut-in 10/3/97	Length of time shut-in 72 Hours	SI press. psig 195	Stabilized? (Yes or No)
Lower Completion	10/3/97	120 Hours	61	

FLOW TEST NO. 1				
Commenced at (hour,date)*		10/6/97		Zone producing (Upper or Lower) UPPER
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP
		Upper Completion	Lower Completion	REMARKS
10/7/97	96 Hours	72	61	mesaverde open for flow
10/8/97	120 Hours	76	61	

Production rate during test

Cil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA				
Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

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Production rate during test

Oil: BOPD based on

Bbls. in	Hours.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
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95	95
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97	97
98	98
99	99
100	100

NYC/FPD: Tested thru (Office or Meter):

Rema

Approved

JAN 05 1988

61

Operator

By

New Mexico Oil Conservation Division

Conservation Division

Tide

~~Deputy Oil & Gas Inspector~~

Date _____

Tide

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the following recompletion and/or chemical or fracture treatment; and whenever additional work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressures stabilization. Both zones shall remain shut-in until the well-head pressures in each has stabilized, provided however, that they need not remain shut-in more than seven days.
4. For flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such tests shall be continued for seven days if the case of a gas well and for 24 hours in the case of an oil well. Hence if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a piping connection the flow period shall be three hours.
5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no tests were indicated during flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1.
7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure-recording gauge at time intervals as follows: 3 hours after the first hour beginning of each flow period, as often as minute intervals during the first hour thereafter, and at hourly intervals thereafter, including one pressure measurement immediately prior to the flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired or may be requested on wells which have previously shown questionable test data.
8. 24-hour oil zone tests: all pressures throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas- or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.
9. The results of the above described tests shall be filed in duplicate within 15 days after completion of the test. Tests shall be filed with the Area District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/01/77 with all deadweight pressures indicated (except as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).